XA-9366A PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Hideki KOMATSUDA et al.

Appln. No.:

Filed: Herewith

ILLUMINATION APPARATUS, EXPOSURE METHOD, EXPOSURE For: APPARATUS, AND DEVICE MANUFACTURING METHOD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record the documents cited in prior Application No. 09/667,606 filed September 22, 2000, whether cited by Applicants or by the Patent Office. documents are listed on the attached Form PTO-1449.

Respectfully submitted,

NHS: 1mb

Miles & Stockbridge P.C. 1751 Pinnacle Drive, Suite 500 McLean, Virginia 22102-3833 (703) 903-9000 November 25, 2003

Reg. No. 17,095

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			FORM PTC	Atty. Docket	No.	Apr	Appln. No.					
Applicant Hideki KOMATSUDA et al. Filing Date HEREWITH Group					XA-9366A							
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Document Number Date Name Class Subclass Filing Date												
AA 5,675,401 10/7/97 Wangler et al. 355 67 AB 5,850,300 12/15/98 Kathman et al. 359 9 AC 5,719,704 2/98 Shiraishi et al. 359 9 AD 5,591,958 1/97 Nishi et al. 250 AE 5,286,963 2/94 Torigoe 250 AF 5,994,006 11/99 Nishi 430 AG 6,245,470 7/01 Kamon 430 AH 6,285,443 9/4/01 Wangler et al. 355 67 AI 6,304,317 10/01 Taniguchi et al. 355 55 AJ 6,002,467 12/99 Nishi et al. 355 61 AK 5,191,374 3/93 Hazama et al. 355 61 AK 5,191,374 3/93 Hazama et al. 355 43												
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AC 5,719,704 2/98 Shiraishi et al. 359 AD 5,591,958 1/97 Nishi et al. 250 AE 5,286,963 2/94 Torigoe 250 AF 5,994,006 11/99 Nishi 430 AG 6,245,470 7/01 Kamon 430 AH 6,285,443 9/4/01 Wangler et al. 355 67 AI 6,304,317 10/01 Taniguchi et al. 355 55 AJ 6,002,467 12/99 Nishi et al. 355 61 AK 5,191,374 3/93 Hazama et al. 355 43 FOREIGN PATENT DOCUMENTS Examiner Initial Document Number Date Country Class Sub-class Translation AL 59-155843 9/5/84 Japan AM 63-66553 3/25/88 Japan AN 64-81222 3/27/89 Japan AN 64-81222 3/27/89 Japan AN 64-81222 3/27/89 Japan AN 64-61121 3/4/94 Japan AN 6-204114 7/22/94 Japan AN 6-204114 7/22/94 Japan AN 6-204114 7/22/94 Japan AN 6-204114 7/22/94 Japan AN 7-122478 5/12/95 Japan AN OTHER (including author, title, date, pertinent pages, etc.) Examiner Date Considered		AA										
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Document Number Date Country Class Subclass Translation	•	AK	5,191,374	3/93	Hazama et	al.	355	43				
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FORM PTO-1449 Atty. Docket No. Appln. No.										
LIST OF	DOC	UMENTS CITED	NT 2	XA-9366B						
			7	Applicant						
				F	Hideki KOMATSUDA et al.					
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U.S. PATENT DOCUMENTS										
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